


| | | | |
|--|--------------------|------------------|--|
| Issue Classification  | Application No. | Applicant(s) | |
| | 10/069,510 | HIRAMATSU ET AL. | |
| | Examiner | Art Unit | |
| | Shawntina T. Fuqua | 3742 | |

| ISSUE CLASSIFICATION | | | | | | | | | |
|------------------------------|----------|-------|-----------------------------------|-------|-------|--------|--------|-------|--|
| ORIGINAL | | | CROSS REFERENCE(S) | | | | | | |
| CLASS | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | |
| 219 | 444.1 | 219 | 443.1 | 445.1 | 446.1 | 448.11 | 448.12 | 450.1 | |
| INTERNATIONAL CLASSIFICATION | | | | | | | | | |
| H 05 B | 3168 | | | | | | | | |
| | / | | | | | | | | |
| | / | | | | | | | | |
| | / | | | | | | | | |
| | / | | | | | | | | |

| | | | | |
|-------------------------------------|--|---|--------------------------|----------------------|
| (Assistant Examiner) (Date) | | Shawntina Fuqua Patent Examiner Art Unit 3742 (Primary Examiner) (Date) Shawntina Fuqua 7/12/09 | Total Claims Allowed: 14 | |
| (Legal Instruments Examiner) (Date) | | | O.G. Print Claim(s) 1 | O.G. Print Fig. 3 |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | <input type="checkbox"/> CPA | | <input type="checkbox"/> T.D. | | <input type="checkbox"/> R.1.47 | |
|--|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final | Original | Final | Original | Final | Original | Final | Original |
| 1 | 1 | | 31 | | 61 | | 91 |
| 2 | 2 | | 32 | | 62 | | 92 |
| 3 | 3 | | 33 | | 63 | | 93 |
| 4 | 4 | | 34 | | 64 | | 94 |
| 5 | 5 | | 35 | | 65 | | 95 |
| 6 | 6 | | 36 | | 66 | | 96 |
| 7 | 7 | | 37 | | 67 | | 97 |
| 8 | 8 | | 38 | | 68 | | 98 |
| 9 | 9 | | 39 | | 69 | | 99 |
| 10 | 10 | | 40 | | 70 | | 100 |
| 11 | 11 | | 41 | | 71 | | 101 |
| 12 | 12 | | 42 | | 72 | | 102 |
| 13 | 13 | | 43 | | 73 | | 103 |
| 14 | 14 | | 44 | | 74 | | 104 |
| | 15 | | 45 | | 75 | | 105 |
| | 16 | | 46 | | 76 | | 106 |
| | 17 | | 47 | | 77 | | 107 |
| | 18 | | 48 | | 78 | | 108 |
| | 19 | | 49 | | 79 | | 109 |
| | 20 | | 50 | | 80 | | 110 |
| | 21 | | 51 | | 81 | | 111 |
| | 22 | | 52 | | 82 | | 112 |
| | 23 | | 53 | | 83 | | 113 |
| | 24 | | 54 | | 84 | | 114 |
| | 25 | | 55 | | 85 | | 115 |
| | 26 | | 56 | | 86 | | 116 |
| | 27 | | 57 | | 87 | | 117 |
| | 28 | | 58 | | 88 | | 118 |
| | 29 | | 59 | | 89 | | 119 |
| | 30 | | 60 | | 90 | | 120 |
| | | | | | | | 121 |
| | | | | | | | 122 |
| | | | | | | | 123 |
| | | | | | | | 124 |
| | | | | | | | 125 |
| | | | | | | | 126 |
| | | | | | | | 127 |
| | | | | | | | 128 |
| | | | | | | | 129 |
| | | | | | | | 130 |
| | | | | | | | 131 |
| | | | | | | | 132 |
| | | | | | | | 133 |
| | | | | | | | 134 |
| | | | | | | | 135 |
| | | | | | | | 136 |
| | | | | | | | 137 |
| | | | | | | | 138 |
| | | | | | | | 139 |
| | | | | | | | 140 |
| | | | | | | | 141 |
| | | | | | | | 142 |
| | | | | | | | 143 |
| | | | | | | | 144 |
| | | | | | | | 145 |
| | | | | | | | 146 |
| | | | | | | | 147 |
| | | | | | | | 148 |
| | | | | | | | 149 |
| | | | | | | | 150 |
| | | | | | | | 151 |
| | | | | | | | 152 |
| | | | | | | | 153 |
| | | | | | | | 154 |
| | | | | | | | 155 |
| | | | | | | | 156 |
| | | | | | | | 157 |
| | | | | | | | 158 |
| | | | | | | | 159 |
| | | | | | | | 160 |
| | | | | | | | 161 |
| | | | | | | | 162 |
| | | | | | | | 163 |
| | | | | | | | 164 |
| | | | | | | | 165 |
| | | | | | | | 166 |
| | | | | | | | 167 |
| | | | | | | | 168 |
| | | | | | | | 169 |
| | | | | | | | 170 |
| | | | | | | | 171 |
| | | | | | | | 172 |
| | | | | | | | 173 |
| | | | | | | | 174 |
| | | | | | | | 175 |
| | | | | | | | 176 |
| | | | | | | | 177 |
| | | | | | | | 178 |
| | | | | | | | 179 |
| | | | | | | | 180 |
| | | | | | | | 181 |
| | | | | | | | 182 |
| | | | | | | | 183 |
| | | | | | | | 184 |
| | | | | | | | 185 |
| | | | | | | | 186 |
| | | | | | | | 187 |
| | | | | | | | 188 |
| | | | | | | | 189 |
| | | | | | | | 190 |
| | | | | | | | 191 |
| | | | | | | | 192 |
| | | | | | | | 193 |
| | | | | | | | 194 |
| | | | | | | | 195 |
| | | | | | | | 196 |
| | | | | | | | 197 |
| | | | | | | | 198 |
| | | | | | | | 199 |
| | | | | | | | 200 |
| | | | | | | | 201 |
| | | | | | | | 202 |
| | | | | | | | 203 |
| | | | | | | | 204 |
| | | | | | | | 205 |
| | | | | | | | 206 |
| | | | | | | | 207 |
| | | | | | | | 208 |
| | | | | | | | 209 |
| | | | | | | | 210 |